Cracklin' Static

March 2023 Edition

SIERRA NEVADA
Amateur Radio Society

In-person and virtual meeting March 4, 8 AM. For details see pg 5 ...

SNARS NET on DMR – Tuesdays 8pm
DMR Talk Group: 31328 SNARS

SNARS Treasury Closing Balances
As of February 24, 2023

Operating	$5,708
Convention	$4,152
Self Insurance	$17,000

Note: Per Board Decision to be maintained at $17,000

Savings	$13,000
PayPal	$642
Total	$40,502

Net Income / Year	$1,180	
Net Income / Month	$1,031	Jan.

Memberships	15

Donations	
Amazon Smile	$45

Note, Amazon Smile is Ending February 2023

PayPal Giving	$2
Members	$750
Total	$797

SNARS Membership as of 2-26-23

Extra	132	33%
Technician	130	32%
General	124	31%
Advanced	14	03%
No License	5	01%
Total	405	

SNARS ARRL Members as of 2-26-23

Regular	265	65%
Life	34	8%

PRESIDENT'S VOICE

SNARS PRESIDENT BARRY BETTMAN, K6ST

The hf bands have been hot!!! Especially 10 meters has been open and the 10m band is available to all hams including technicians. Many hams are reporting lots of openings to DX stations with low power. The solar cycle is coming alive and we have a special guest speaker Dr. Scott McIntosh, Deputy Director of the National Center for Atmospheric Research who will be presenting on the topic **"Sunspot Cycle 25: The Path to Max" at the upcoming hybrid SNARS Monthly Meeting on March 4th.**

This past month, on February 4th, Bart W9JJ from the ARRL gave an informative presentation on "Log Book of the World "(LOTW) at the SNARS monthly hybrid meeting and the video will be on the **Snars youtube** channel soon. Unfortunately, COVID was accidentally brought to the in-person meeting as 6 attendees tested positive, and I was one of the people that has covid. It's been a haul getting through Covid and I look forward to feeling better soon.

Please see " + Stay Safe SNARS" on the next page and let's leave any contagions away.

With the cold temperatures recently, several hams have been getting on the air from their home shacks. Some were snowshoeing to peaks for Summits on the Air (SOTA). Feel free to share your stories and pictures with the newsletter editor Howie WB2AWQ at holden7471@msn.com

SNARS has been invited to participate in the "Reno Off-Road & Motorsports Expo" 5-day public event from Wednesday, March 29th through Sunday, April 2, 2023 at the Reno Convention Center.

SNARS is having a booth at this show and we're looking for hams to man the booth at different times. Please click on https://snars.org/activities/off-road and let us know when you can help out. We look forward to having a great SNARS presence at this Moto Expo event.

Recently, there has been interest from several SNARS hams in learning morse code and increasing their proficiency. Thanks to Woody K1LB skywavevoyager@gmail.com in Reno, he has started the **"SNARS Morse Code CW Mentored Learning Program"** to help you get on the air with CW. Feel free to contact him to help Elmer or get a jumpstart into cw. And be sure to see the article below on Page 7 of this newsletter for more information.

Speaking of CW, **7** `--...` **3** `...--`
See you on the air, K6ST Barry k6st@arrl.net

Stay Safe SNARS

Stay Safe SNARS, and leave any contagions away!!!

After what happened at the last SNARS monthly meeting on Sat February 4, 2023 we need to pay more attention to both ourselves AND others around us! ***There have been 6 reports from people attending the meeting who tested positive for Covid*. That is 18% of the total at the meeting.**

THIS IS NOT ACCEPTABLE

We don't and won't know just how/who brought it to the meeting, but it arrived there anyway! So, let's all pay more attention to how we are feeling before we head out.

Stay Safe SNARS protocol - leave any contagions away:

1. If you're **feeling ANYTHING out of the ordinary,** a tickle in the throat, stomach not quite right, or anything else, does not have to be Covid related, there are colds, flu etc., out there.

2. ***then PLEASE, do not come to any in-person meeting.***

Stay Safe SNARS …. let's not spread something around to others again!!!

SIERRA NEVADA
Amateur Radio Society

PO BOX 7727 Reno NV 89510
Yearly Dues: $40.00 Individual ● $50.00 Family
775.453.4142 http://snars.org

2023 Officers
President..... Barry Bettman, K6ST
Vice-President.....Brian Verhalen, KJ6EAC
Treasurer..... Doug Edmondo, W7DBE
Secretary..... Anthony Marcin, W7XM
Director ..... John Byerly, N7ROJ
Director ..... Jim Shepherd, W6US
Director ..... Krystal Nelson, AJ6GC

2022 Staff

Cracklin Static .....Howie Holden, WB2AWQ
W7TA Trustee .....Peter DeBay, KE7VSR
KR7ENO Trustee.....Howie Holden, WB2AWQ
Control Operator .....Pat Sheehan, W7DED
Youth Involvement.....Barry Bettman K6ST
NVQSO Coordinator.....Jim Shepherd, W6US
Historian .....Jon Fox, KF7KTC
Tech Team Lead .....Pat Sheehan, W7DED
Membership .....Kim Farnham, KG7TMA
PIO .....Greg Krantz, NT7Q
VE Coordinator.....Krystal Nelson, AJ6GC
Meeting Greeter .....Bill Jones, AE7OX
Noon Net Manager .....Wes Vick, KG7QXE
DMR Net Manager .....Anthony Marcin, W7XM
Reno Ham Swap .....Wes Vick, KG7QXE
Webmaster .....Erik Andreasen, K6CZH
Club Sales Manager.....Vacant
Recording Secretary.....Doug Edmondo, W7DBE

Cracklin Static Publication

Editor: Howie Holden **WB2AWQ** - holden7471@msn.com
Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Cracklin' Static is published the week before meetings. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size, line spacing or other tools as may be required to publish this Newsletter. **Deadline for input to the newsletter is 1500 hours on the Sunday** prior to the 1st Saturday (or whichever Saturday is the meeting) of each month.

SNARS Wide Area Linked System

147.030 + Pl 123.0	Sparks, Fernley, Fallon	
147.210 + PL 100.0	Reno, Sparks	
147.150 + PL 123.0	Lake Tahoe, Truckee, Carson	
146.925 –PL 123.0	Lovelock, Fallon	
146.670 –PL 123.0	Winnemucca	
444.875 + PL 100.0	Yerington	
444.125 + PL 123.0	Reno Sparks	

DMR Systems

444.925 + CC 1	Reno, Sparks	
444.825 + CC 1	Dayton, Fallon, Carson	
443.925 + CC 1	Lake Tahoe, Truckee, Carson	
443.950 + CC 1	Incline Village	
442.875 + CC 1	Sparks, Fernley, Fallon	
442.850 + CC 1	Downtown Reno	
441.950 + CC 1	Fallon, Fernley	

Fusion Systems

146.610—DGID 28	Reno, Carson, Dayton	

IRLP / EchoLink Systems

147.300 + PL 123.0	Reno, Sparks	

Packet / APRS

145.050 - RNO	Reno, Carson, Dayton	
145.050 - ROSE	Lake Tahoe, Truckee. Carson	
144.390 - TOULON	Lovelock, Fallon	

Standalone Systems

147.390 + PL 100.0	Reno, Carson, Dayton	
443.075 + PL 123.0	Reno, Carson, Dayton	
927.0875 + PL 114.8	Reno, Carson, Dayton	

Online Offline Not Linked

Visit https://snars.org/repeaters/analog for additional updates/status on repeaters.

Noon Net
Sierra Nevada Amateur Radio Society

Weekday on the SNARS Linked System

147.030 + PL 123 – Sparks/Fernley
147.150 + PL123.0 – Lake Tahoe / Truckee
147.210 + PL 100.0 - Reno
444.875 + PL 100.0 - Yerington
146.925 - 123.0 – Lovelock / Fallon
146.67 – PL 123.0 - Winnemucca

Monday through Friday @ 12:00pm

Open to all amateur radio operators. A general informational net for the amateur radio community of Northern Nevada and Eastern California. Radio Checks and Questions are welcomed.

Nets on the SNARS Linked Systems

147.210 + 100.0 | 147.030 + 123.0 | 147.150 + 123.0
147.670 – 123.0 | 146.925 – 123.0 | 444.875 + 100.0

SNARS Noon Net	Mon—Fri @ 12:00pm
ERC Net for NV and Northern CA	Monday @ 9:15pm
N. Western NV ARES Net	Thursday @ 7:30pm
Northern Nevada Preppers Net	Wednesday @ 8:00PM
Hospital Net	Friday @ 10:00AM

Nets on Simplex/HF

Jefferson Noon Net	7.204 LSB	Daily - 12:00pm
6 Meter Net	50.350 USB	Tuesday – 8:00pm
2 Meter Weak Signal	144.250 USB	Wednesday - 8:00PM
2 Meter Simplex Net	146.500 FM	Thursday – 8:00PM
10 Meter Net	28.350 USB	Sunday – 2:00PM

Join us on SNARS Telegram Channel

Telegram
a new era of messaging

Visit https://snars.org/telegram

Our official channel for members to communicate with each other via chat, ask questions and get the latest information about the club, repeater status and amateur radio events.

DMR
DIGITAL MOBILE RADIO

SNARS Weekly DMR Net
Tuesdays 8:00PM
SNARS Talk Group 31328
Open to Members and Guests. A general information net each week on DMR.

SNARS CALENDAR

SNARS New Hams Orientation on Zoom, Monday February 27, at 7 PM PST. See Page 7 of this newsletter. https://snars.org/elmer

SNARS Board Meeting Wednesday, March 8, 6:00PM. Location and mode Chin Chin, Sparks, and Zoom

HAM RADIO NIGHT on Zoom 7:00 PM Monday, March 20, 2022 see https://snars.org/hamradionight/

Reno QRP Group Meeting Tuesday, March 21, 11am – 12pm, Jack's Coffee Shop #2, 605 N Wells Ave, Reno, NV. Contact Ed, WD7Y WD7Y@sbcglobal.net for more info. If cancellation is needed, will be announced on the SNARS noon net.

Next months SNARS Breakfast Meeting, April 1, 2022, 8 AM. Location and media mode tentative, depending on Board decision.

WELCOME NEW MEMBERS

As Of 2-26-23

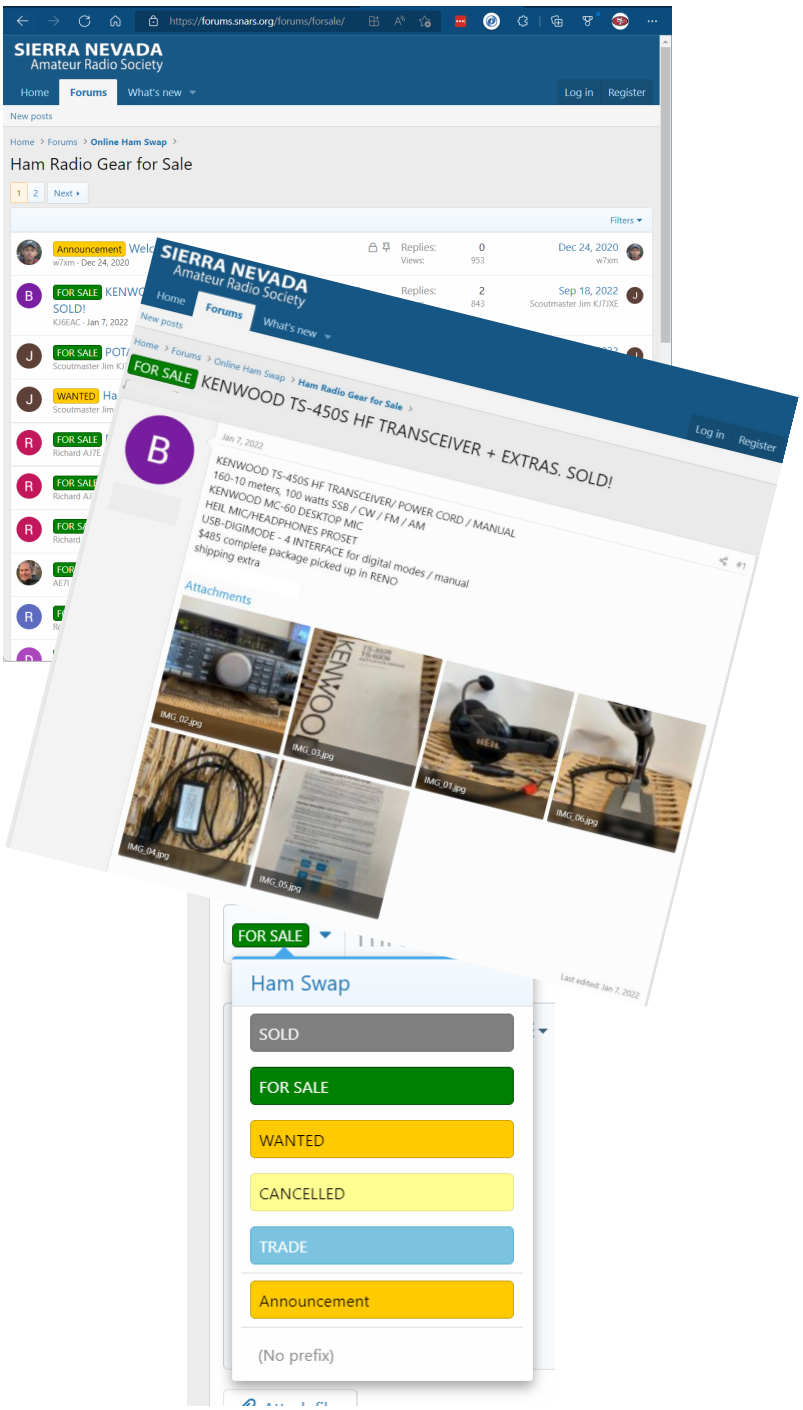
Alain	Seelye	KJ7OFT
James	Williams	WI0JIM
Richard	Campbell	KK7EWH
Deanna	Baxman	KK7KII
John	Truesdell	K7TET
Ken	Sypher	KK7BVG
Paul	Roddan	KK7EZY
Lynn	Roddan	KK7HHU
Ida	Threets	KD7UKV
David	Morton	KK7JXS

Member Benefit: SNARS ONLINE HAM SWAP

https://snars.org/hamswap

A SNARS members only benefit: We offer members a way to swap gear online and locally throughout the year. The online Ham Swap page provides members an option to list your gear, photos and descriptions for anyone to view.

You can find the swap page by either visiting https://snars.org/hamswap or locate the link at the top menu of the SNARS website labeled “Ham Swap”.



General Steps to posting a listing:

1.) Using your SNARS account (your_call@snars.org) click the Log in button at the top right. If you don’t have a SNARS Account please request one to be set-up by sending an email to membership-team@snars.org.

2.) Click the “Post thread” button at top right.

3.) Select the post type “For Sale, Wanted, etc.” by clicking the down arrow button left of the title box.

4.) Type in a title for your items.

5.) Type in the message of any description of the items, condition of items and the best way to contact you. You may also post images of the items (recommended).

6.) Once you have completed the post click on “Post thread”.

7.) Your posting will now appear for all to view.

Note: you may visit the post anytime to update items and or change the status from for sale to sold by clicking the edit thread button under the three dots button and click edit thread, then click on the down arrow to choose the thread type to Sold or any other status.

If you have any questions about this member benefit please contact us at membershipteam@snars.org

SNARS In-Person and Virtual Monthly Meeting

SNARS Monthly Meeting
(hybrid in-person & virtual Zoom)
Saturday, March 4, 2023
In-Person 8 AM PDT (coffee and donuts)
SNARS Meeting at 9 AM both Zoom and in-person

In-Person @ Regional Public Safety Training Center (5190 Spectrum Blvd, Reno) - or - join us via Zoom

In Person location (no registration, just show up)
Regional Public Safety Training Center
5190 Spectrum Blvd, Reno
Room 103 and 105

PRESENTATION:
"Sunspot Cycle 25: The Path to Max" with Dr. Scott McIntosh, Deputy Director of the National Center for Atmospheric Research

MEETING NOTICE!

.... in Boulder, CO. Scott has over twenty years of experience in solar and astrophysical research. He has authored or co-authored over one hundred and fifty articles in peer-reviewed journals, with fifty-two as first author, including twelve high-profile papers in journals like Nature and Science. His current "H- index" of forty-six [>9,000 citations] covers subjects in solar physics, space weather research, atomic physics, and instrument development.

To join via Zoom, register here:

https://us06web.zoom.us/meeting/register/tZ0tcuCsrTorEtzMNNKdPg159Qc4eDPGuvRq

Questions? Contact Barry K6ST@arrl.net

More Info In-Person **/ Register** Zoom: https://snars.org/monthly-meeting/

SNARS MORSE CODE CW MENTORED LEARNING PROGRAM

Getting help to learn Morse Code is in the works and closer to reality for SNARS members. We are introducing the SNARS Morse Code CW Mentored Learning Program. If you have a desire to actually learn (or increase your speed) and use CW for all the fun activities that are available in our world-wide amateur radio community such as DX, CW sprints, contests, rag-chews, SOTA, POTA, ARRL Field Day, EMCOMM Nets, and more .... please continue reading.

This program will embody a combination of modern and traditional methods in the way CW is learned and practiced. For example, each CW learner will be matched with a personal Elmer to assist, coach, and practice CW in live-on-the-air settings, with the goal of 100% success–to advance to 15 words per minute send/receive proficiency.

Google Images

Using the Koch method to learn the code and the Farnsworth method to advance your CW speed skills results in a number of benefits, including shorter overall learning time, better retention and the ability to "head copy" Morse Code.

k4icy.com/cw.html

The program will also consist of multifaceted practice activities that include conversational roundtable on-the-air practice-sessions, plus an array of ARRL CW practice methods. We expect your path to Morse Code proficiency is not going to be as difficult as it used to be time-consuming.

Please stay tuned for enrollment details in the coming weeks on the SNARS website. In the meantime feel free to contact Woody K1LB, the "SNARS Morse Code CW Mentored Learning Program" leader, to get a jump start on your CW skills.

Google Images

Visit **https://snars.org/elmer** for more info!

Woody K1LB <skywavevoyager@gmail.com>
SNARS Morse Code CW Mentored Learning Program

THE NAME OF THE GAME

By Jim Shepherd, W6US

10 METERS IS HOT FOR THE ARRL DX CONTEST

The sunspot numbers have been quickly rising and the propagation on 10m has been fantastic. All hams have privileges on this band and it has been open from before dawn until a couple of hours past sundown. A quick glance at my FT8 window this morning showed Australia, Japan, South America, Spain, and, of course, lots of US stations and Canada, all with strong signals.

Here is the opportunity to work lots of DX stations with only 100 watts and a simple dipole or vertical antenna. This contest is set up so US and Canadian stations work the world and the rest of the world can only work those of us in the US and Canada. Our Exchange is simple, 59 NV, for those of us in Nevada, and we are a multiplier for them. They will return a 59 and their power, 100 for a barefoot station, 1000 or K for a kilowatt station and so on.

For those of you who think that DX is talking to a station in Carson City or Fallon, this will definitely be a thrill. When you hear and work someone with a VK prefix and an Aussie accent, you will realize that your signal has gone to the opposite side of the world! JA's will fill your logbook from Japan (Jx where x may be any other letter along with some nxn callsign prefixes are all from Japan).

It is easy to log your contacts. N1MM is a FREE logger designed for contests. You will use the ARRLDXSSB overlay which will set up your computer to correctly log all of your contacts. In the 'Exchange' box you will put NV or your state abbreviation if you are outside of Nevada. Once you have downloaded and updated the version, go to 'tools' and click on 'Download and install latest Country file…' and then go to the 'Config' tab and 'Change your station data'. Fill out all the information and set your club as "Sierra Nevada ARS". There are other setup items that can be done to connect your computer to your radio and there are a bunch of YouTube videos that can help you.

Using a logging program makes it real easy to make a Cabrillo log and export it to the ARRL at the end of the contest. Even if you only make a couple of contacts, send in a log. If you are only using 10 meters, you can set that as a single band entry so you will not be competing against the 'Big Guns', just other beginners like yourself.

Additionally, you will want to make an ADIF export file and enter it in the LOTW (LogBook of the World) so those DX stations get credit for Nevada which could be the last one they need for WAS (Worked All States). Last month's club meeting showed how to set up a LOTW account, along with my column a couple of months ago here in the Cracklin' Static.

You will also want to post your score on the 3830Scores.com website. N1MM has a 'Score Summary' window that will have the necessary information to upload this information. Be sure to add "Sierra Nevada ARS" as your club. It also asks for a "Soapbox" where you can upload comments like this: "Good time—first contest and I worked 102 countries on 10m!!!"

While most of you will work in 'search and pounce' mode, there are usually enough open frequencies to try running—calling CQ. The last few hours of the contest, the big stations that have been running a frequency since the beginning start tuning the bands looking for multipliers or stations that they have not worked before. Since you will probably not have made thousands of contacts, there is a good chance you are not in their logs and you are now a wanted and valuable contact for them. You may end up with a couple calling you at once.

You really do not want to work US and Canadian stations as they are not counted. However, there are 2 states that do count as DX. Alaska and Hawaii are DX stations and good for points. Their separation and distance from the 48 make them DX entities.

Those Technicians out there that do not have a HF radio yet may be able to borrow one or go over to an Elmer's station and operate. The club has several HF rigs that can be checked out after you are trained in their use. Of course, DX Engineering, GigaParts, Ham Radio Outlet, etc will be happy to overnight ship an in-stock radio to you…. An easy dipole can be made from 16'8" of wire cut in half and attached to a coax to your rig.

Get on the air this weekend. The contest starts at 0000Z Saturday (1600 Friday locally). More information can be found on the SNARS website. www.snars.org

OPERATORS NEEDED FOR THE VOTA W1AW/7 OPERATIONS! NEW SIGNUP PROCEDURE!!!

The dates are April 19th and September 27th for our 2 weeks where those of us in Nevada will have the chance to be W1AW/7 and make LOTS of QSOs. The first week will start at 0000z, Wednesday, April 19th We are looking for HF operators who are experienced contest/DX participants. They must be able to handle pileups, correctly log the contacts using a computer with logging software, and have a station that will provide a quality signal and the receive sensitivity to work the maximum number of contacts. This is not a QRP or Repeater event. CW operators will need to be able to adjust their speed to that of the calling station. Ten meters and VHF+ operations must be simplex (NO repeaters or internet connections) and preferably on SSB, CW and digital keyboard to keyboard operations. This will take a bunch of hams to cover the airwaves during our weeks of operations. The chance to get on the air with a famous 1x2 call and handle pileups only comes around rarely, so it is a good time to volunteer for this effort.

We are going to try to schedule operations as a Swing shift(1600 -2400 local), a Grave shift (0000-0800 local), and a Day shift (0800-1600 local). Each 8 hour shift should have at least 4 hours of on-the-air activity on the assigned bands and modes. For HF operators, Day Shift will concentrate on 20m, 15m and 10m, Swing Shift will concentrate on 160m, 80m and 40m, and Graveyard Shift will operate on any and all open bands. Operators may sign up for multiple shifts and modes as available. You may signup for multiple modes and/or frequencies in the same time slot, but you will need to be on the air for at least 7.5 hours of that shift and spend roughly equal time on the multiple selections. **Only scheduled operators may use the W1AW/7 callsign during their assigned shifts.**

Technician and Novice operators can operate on 10 meters and up on all of the VHF, UHF, and Microwave bands with simplex FM, SSB, CW, and keyboard digital only. No repeaters, hotspots, or internet connections may be used. On 10m they may use the appropriate modulation from 28.000 to 28.500. Satellite contacts are permissible as are EME contacts.

How to sign up for this first week—
The timeslots are in UTC and show the ENDING time of the 8 hour period..... We will be in local daylight savings time during the event. Because we are 7 hours different from UTC, the Swing Shift showing for a UTC calendar day is actually occurring on the previous local time calendar day....

0700z is the Swing time slot, 4pm local to midnight
1500z is the Graveyard time slot midnight to 8am local
2300z is the Day shift time slot 8am to 4pm local.

The new website for signups is **https://ok.arrl.org/w1awnv/** . You can check the day you are interested in by using the "Display Slots Selected by Day" and selecting the UTC date you are interested in. It will show all of the used slots, so you can go for any that are not filled.

W1AW/7 Nevada April Reservations

Slots Reserved for 2023-04-19

Band	Mode	UTC Time Slot	Callsign
15M	Phone	2023 04-19 2300	**N0CSM**
20M	CW	2023 04-19 2300	**W7DLZ**
20M	Phone	2023 04-19 2300	**AI7OK**
40M	CW	2023 04-19 1500	**WB2AWQ**
40M	Digital	2023 04-19 0700	**W6US**

As you can see from this screenshot, 15 and 20 meter daytime Phone slots are filled, 20m CW Day and 40m CW Graveyard are taken, and 40 meter Swing Digital which is actually on Tuesday evening local time is also taken. That leaves all other bands and modes per band available for signup.

You can now go to the "Select Your Band/Day/Mode" section and sign up. Remember, Swing shift is the previous local time day—if you wanted to sign up for Friday evening, you would select 2023-4 -22 and the 0700 time slot.

More information about the VOTA program is available at: **https://ok.arrl.org/votanv/**

If you need to change your existing signup, contact me so I can do it... **nvjims@gmail.com** and put "W1AW/7 Change" in the title. I will contact you for further information about the change.

I will be available on our third Monday Ham Radio Zoom night on March 20 to handle questions.

Jim Shepherd W6US **nvjims@gmail.com**

SNARS VOLUNTEERING

Volunteering within SNARS is on the rise. We have many new events that welcome additional help from members over the months to come.

I'd like to thank the New Hams Orientation team led by KB7QOD Kirk as well as Erik K6CZH webmaster, Howie WB2AWQ newsletter editor, Krystal AJ6GC VE liaison, Jeremy KB7RZF at REOC, and all the Elmers ... as we seamlessly relocated the in-person meeting of Feb 27th onto zoom in short notice due to the current Weather/ Storm.
Please feel free to reach out to me to see how you might be of service to the club.

With great appreciation,

K6ST Barry
SNARS President
k6st@arrl.net

SHORT TAKES (By Jim Shepherd W6US)

CONTEST CALENDAR

The ARRL SSB DX contest starts of the month this weekend and more information is in the main article this month. The State QSO Party contests this month are Nova Scotia, Oklahoma, Idaho, Wisconsin, and Virginia. The last full weekend of the month is the CQ WPX SSB contest where you can work anyone in the world for points and multipliers. These and other contests information can be found at https://www.contestcalendar.com/contestcal.html

DX

There may be more activity on Crozet Island as the team is applying for more time. The 2 big DX contests this month will also provide lots of DX activity. More information can be found at https://www.ng3k.com/Misc/adxo.html

THIRD MONDAY ZOOM HAM RADIO NIGHT

We will have our popular Ham Radio Nights via ZOOM to get your questions answered. It will be held at 7pm on Monday, March 20th. One of the items discussed will be the upcoming activation of W1AW/7 here in Nevada for the VOTA. More information, including the link will be published before that date.

NAME THAT RIG?

(Answer on page 14)

W7SSB's FUN STUFF

Continuing Series Of Hams Who Made A Difference To Our Hobby

Charles H. " Chip " Margelli, K7JA is one of the unsung heroes many hams may not have heard of! After more than sixty years as a licensed ham Chip and his wife Janet KL7MF have retired from HRO (Ham Radio Outlet) recently.

Where do I begin ? Chip has been involved in almost all facets of amateur radio. He has been very active in DXing traveling the world . He has been active in international radiosport competition and goodwill activities.

Twelve-time national winner of ARRL November Sweepstakes. World winner of CQ World-Wide DX Contest (Phone), National Winner of ARRL DX Contest, both Phone and CW. Five-time world high in All-Asian DX Contest. Silver Medalist at 1990 World Radiosport Team Championship with partner Mike Wetzel, W9RE. First-Class CW Operators' Club (FOC) #2123.Team member for 1989 4J1FS M-V Island DXpedition, 1991 ZA1A re-opening of amateur radio in Albania with team leader Martti Laine, OH2BH, team member of 2003 COØUS joint Cuba-USA Field Day operation. Inductee (2008) into CQ Amateur Radio Hall of Fame. Awarded E.T. Krenkel Medal (Russia) in 2021.

Chip's DXpedition activities include operations from St. Lucia, Dominica, Antigua, the U.S. Virgin Islands, Puerto Rico, Saipan, Aruba, Bonaire, Curacao, Martinique, and Barbados. In 1989, Chip was honored by being selected to be the American representative in the first -ever Finnish-Soviet-American DXpedition to Malyj-Vysotskij Island as 4J1FS. The following year, Chip and his teammate Mike Wetzel, W9RE, won a Silver Medal at the World Radiosport Team Championship held in conjunction with the Goodwill Games in Seattle, an elite competition featuring twenty-three teams from fifteen countries around the world.

And in the Fall of 1991, Chip was among the key players in the IARU Albania Project, which brought about the rebirth of Amateur Radio in Albania after many decades of radio silence. The ZA1A Team's efforts stand as an example of the considerable goodwill that Amateur Radio's ambassadors can provide to the peoples of the world.

Chip and Janet accepted an invitation by the *Federación de Radioaficionados de Cuba* to visit the Havana area to document the Cubans' participation in the 1994 ARRL June VHF QSO Party, including operation as COØFRC, CO2/K7JA, and CO2/WA7WMB. Theirs was the first group of American radio amateurs to be so honored. Feature articles by Chip and Janet appeared in *The QCWA Journal* and *QST* in late 1994. Other international goodwill initiatives are in the development stages at this time. Chip is currently active on all Amateur bands from 1.8 through 1300 MHz, including HF DX and contesting, VHF weak-signal terrestrial and moon bounce work, and satellite operation. Articles by Chip have been published in *QST , CQ VHF, Popular Communications, CQ, Focus Magazine and in several books*

Professional Overview

After finishing my M.B.A. work, I opted for a uniquely different career path, choosing to move to Tokyo to join Yaesu Musen Co., Ltd. (a radio communications manufacturer) as their Public Relations Manager, a position that reported directly to the president and which required constant interfacing with the engineering, sales, and export departments. Being able to speak Japanese was a critical element in my ability to get results.

After two and a half years, I transferred to Yaesu's Los Angeles-area office, continuing my interface work with Tokyo while leading different divisions including responsibilities as Director of Customer Service and Vice President for Sales and Marketing, overseeing sales to a nationwide dealer network.

In 2006, after three decades with Yaesu, I joined Heil Sound, Ltd. (Illinois) as their Director of Sales and Marketing, with responsibility for dealer and direct sales, marketing, trade show coordination, and product development.

In 2010 I was recruited by CQ Communications, Inc. of New York to be their Advertising Sales Director, responsible for sale of advertising space in four communications-industry magazines published in both printed and digital formats.

Late in 2012, I became aware of a ground-floor opportunity with a young company called InnovAntennas America, the U.S. sales wing of InnovAntennas Ltd. of the U.K.; this offered the chance to utilize my skills and experience in sales and marketing, customer support, and international business to help grow the company.

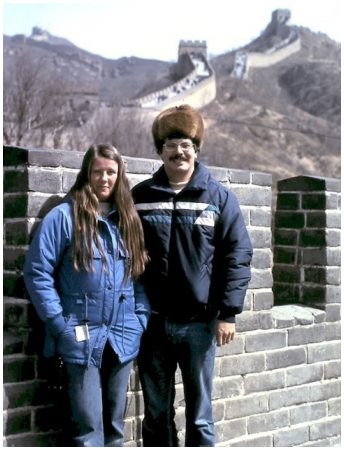
(Continued next page…..)

W7SSB (continued)

In 2007 I joined Ham Radio Outlet (HRO, Inc.) doing auditing and administration of their 7000-line-item Point-Of-Sale web site. This is a very detail-oriented job that draws on my decades of experience in this industry.

A CW sharpshooter needs to cool off his keying fingers after a shoot-out! Photo shows Chip on The Tonight Show with Jay Leno on May 13, 2005 during the showdown against the U.S. champion cell-phone text messenger. Teammate Ken, K6CTW skillfully copied the text despite significant QRM in the shack. . .er. . .studio. (*See:* http://www.rfcafe.com/miscellany/cool-videos/jay-leno-tonight-show-morse-code-text-message-sms-contest.htm *ed!)*

In 1984, Chip and Janet were invited by the Chinese Radio Sport Association to travel to Beijing for operation from BY1PK and help train the new Chinese operators during the early phases of the rebirth of Amateur Radio in China**.** It was an incredible thrill and honor to be the first foreign couple to be granted operating permission in the PRC since their revolution of 1949, and Janet was the first foreign YL to be on the air.



Personal Interests

Amateur radio (particularly antenna design and construction), photography, astronomy, and distance running (three marathons completed). I enjoy public speaking, and average twelve to 15 engagements annually. I also have been doing volunteer and paid tower work for four decades, and have experience on both crank-up and fixed tower systems up to 200' in height.

Chip is currently active on all Amateur bands from 1.8 through 1300 MHz, including HF DX and contesting, VHF weak-signal terrestrial and moon bounce work, and satellite operation.

Finally I would like to say we need more people with the love and dedication to our hobby like Chip!

To you Chip, I wish you and Janet many more years of enjoyment of our great hobby!

Stay tuned!

Don W7SSB

SNARS HAM RADIO NIGHT

3rd Monday of each month at 7PM PT on Zoom
Join together and Elmer each other for Ham Radio Night on
MONDAY, MARCH 20, 2023, 7PM

The topic smaller breakout groups will be:
CW Mentoring, VHF/UHF Analog, DMR/Fusion, Antennas

Each participant can move themselves around to different breakout topics in zoom conferencing to enjoy.

If you have any questions or would like to be of service as an Elmer, please contact K6ST Barry k6st@arrl.net

Register below for our next Ham Radio Tech Night, SNARS (virtual on Zoom conferencing) Oct. 17, 2022, 7:00PM PST
https://us06web.zoom.us/meeting/register/tZMtdeCupj4iHNy13q6ZuAKbdXi9xY3PoRow

YOUTH INVOLVEMENT

GLHOTM- Get a Local Ham On Ten Meters Share this document-

www.tiny.cc/glhotm

We Have a Mission for You!

We need your help. We want you to help a local ham find some Amateur Radio fun and enjoyment this month. If you have a working HF station, you can help us. Here are the steps:

1. Find a Technician or inactive General or Extra Class Licensee that has yet to try HF (High-Frequency) Bands of Amateur Radio

2. Invite them to your house next weekend (any time between 7:00 PM Friday, March 3 and 7:00 PM Sunday, March 5th). Don't worry; there will be plenty of activity with the ARRL International DX Contest.

3. Identify the portions of the band(s) that they can operate SSB Voice with their license.

A. Technicians- 28.300 to 28.500 USB (keep dial below 28.496 to ensure your full signal is in the band). Don't worry that only 10 Meters is available, as the band has been open and doing gangbusters (see chart below with 10M DX contacts since Jan 1, 2023.

B. General- see chart to the right

C. Extra Class- see chart- www.tiny.cc/chart-maps

General Class Band Allocations SSB		
Band	Phone	
10	28.3000	28.9000
15	21.2750	21.4500
20	14.2250	14.3500
40	7.1750	7.3000
80	3.8000	4.0000
160	1.8000	2.0000

4. Explain to them how the following work (see links for help with **each one if needed):**

A. HF Contacts- www.tiny.cc/bghfvhf

B. Contest Contacts- www.tiny.cc/arcontest

C. ARRL International DX Contest & Exchange (Exchange is your state)- www.contests.arrl.org/ContestRules/DX-Rules.pdf

D. Your Radio

E. Contesting Logging Software (or use paper and pencil)- www.tiny.cc/n1mmfd

F. Tips for making contacts– www.tiny.cc/r-r-d

5. Help them by demonstrating a contact with your call sign and then encourage them to make a contact with their callsign*. Show them how to tune in DX station calling CQ (using a DX cluster or N1MM's Telnet and Band Map can be a great help here)

A. Explain when they should call and what they should say

B. Explain how they need to respond with their exchange

6. Repeat and Have Fun!!

Ten Meters

We called this mission "**GLHOTM- Get a Local Ham On Ten Meters" for a few reasons:**

1. That is the only HF Band that Techs can use Phone (SSB)

2. Ten Meters has been open and very hot the last few months

3. Anthony, K8ZT has a new presentation- "10 Meter Band Fun For All" that he would happily present to your local club. You can also catch the presentation at the QSO Today Virtual Ham Expo or Toledo Mobile Radio Association Hamfest on March 19th. You can view the slideshow of the presentation here- www.tiny.cc/10mband

122 DXCC Worked on 10 Meters 52 Days (Jan 1 to Feb 21, 2023) 5 Watts							
3B9	RODRIGUEZ IS	EA8	CANARY IS	J8	ST VINCENT	SP	POLAND
3C	EQU. GUINEA	EA9	CEUTA & MELILLA	JA	JAPAN	SV	GREECE
3D2-F	FIJI	EI	IRELAND	K	UNITED STATES	TA	TURKEY
3X	REP. OF GUINEA	ER	MOLDAVIA	KH6	HAWAII	TF	ICELAND
4L	GEORGIA	ES	ESTONIA	KL7	ALASKA	TG	GUATEMALA
4O	MONTENEGRO	EW	BELARUS	KP2	VIRGIN IS	TI	COSTA RICA
5B	CYPRUS	F	FRANCE	KP4	PUERTO RICO	UA	EUROPEAN RUSSIA
5Z	KENYA	FM	MARTINIQUE	LA	NORWAY	UA0	ASIATIC RUSSIA
6Y	JAMAICA	FR-R	REUNION	LU	ARGENTINA	UA2	KALININGRAD
7Q	MALAWI	FS	SAINT MARTIN	LX	LUXEMBOURG	UR	UKRAINE
7X	ALGERIA	G	ENGLAND	LY	LITHUANIA	V2	ANTIGUA & BARBUDA
8P	BARBADOS	GD	ISLE OF MAN	LZ	BULGARIA	V3	BELIZE
9A	CROATIA	GI	N. IRELAND	OA	PERU	V5	NAMIBIA
9K	KUWAIT	GJ	JERSEY	OD	LEBANON	VE	CANADA
BV	TAIWAN	GM	SCOTLAND	OE	AUSTRIA	VK	AUSTRALIA
C5	GAMBIA	GU	GUERNSEY	OH	FINLAND	VP2-E	ANGUILLA
C6	BAHAMAS	GW	WALES	OL	CZECH REP.	VP2-V	BRITISH VIRGIN IS
CE	CHILE	HA	HUNGARY	OM	SLOVAK REP.	VP5	TURKS & CAICOS IS
CN	MOROCCO	HB	SWITZERLAND	ON	BELGIUM	VP8-F	FALKLAND IS
CO	CUBA	HB0	LIECHTENSTEIN	OX	GREENLAND	XE	MEXICO
CT	PORTUGAL	HC	ECUADOR	OY	FAROE IS	YL	LATVIA
CT3	MADEIRA IS	HH	HAITI	OZ	DENMARK	YO	ROMANIA
CU	AZORES	HK	COLOMBIA	P4	ARUBA	YU	SERBIA
CX	URUGUAY	HL	SOUTH KOREA	PA	NETHERLANDS	Z3	MACEDONIA
D4	CAPE VERDE	HR	HONDURAS	PJ2	CURACAO	Z6	REPUBLIC OF KOSOVO
DL	GERMANY	HZ	SAUDI ARABIA	PJ4	BONAIRE	ZB2	GIBRALTAR
DU	PHILIPPINES	I	ITALY	PY	BRAZIL	ZD7	ST HELENA IS
E7	BOSNIA-HERZ.	IS0	SARDINIA	PZ	SURINAME	ZF	CAYMAN ISLANDS
EA	SPAIN	J5	GUINEA-BISSAU	S0	WESTERN SAHARA	ZL	NEW ZEALAND
EA6	BALEARIC IS	J6	ST LUCIA	S5	SLOVENIA	ZP	PARAGUAY
				SM	SWEDEN	ZS	SOUTH AFRICA

As Anthony mentioned, 10 Meters has been hot. During last weekend's CW version of the ARRL International DX contest, he worked 80 countries on 10 Meters with his 5-watt signal. Below is a table of contacts Anthony made on 10 Meters (again with only 5 watts) since the beginning of 2023.

For more information on RATPAC visit www.ratpac.us

- Please note under the current rules of ARRL, the operator making the second contact may not be eligible to send in a log due to the following rule-
- "STTN.1. A transmitter used to contact one or more stations may not be subsequently used under any other call sign during the contest period, except
- a) for family stations where more than one call sign has been issued, and then only if the second call sign is used by a different operator.
- b) for remote stations used by individual amateurs that have limited or no access to their own stations."
- This rule does not permit any operator to use multiple call signs at the same station to manufacture contacts to another station in the contest

Full rules- https://contests.arrl.org/ContestRules/DX-Rules.pdf

For more information on Anthony, K8ZT's other presentations and resources visit www.tiny.cc/k8zt-p and www.k8zt.com

73, Anthony Luscre, K8ZT k8zt73@gmail.com

FUN STUFF FOR MARCH

March has a bunch of contests including 4 state/Can province QSO parties. The ARRL or NCJWEB are shown in BOLD.

1 Mar 2300 to 5 Mar 2300 3.5-14 AWA John Rollins Mem. DX Contest CW RST, **www.antiquewireless.org**

4 Mar 0000 to 5 Mar 2359 1.8-28 ARRL International DX Contest, SSB www.arrl.org/arrl-dx

4 Mar 0000 to 12 Mar 2359 3.5,7,21, 28,144 Novice Rig Roundup CW **www.novicerigroundup.org**

11 Mar 1200 to 12 Mar 1200 28 South America 10m Contest CW Ph RS(T), CQ zone **www.sa10m.com.ar/wp/rules**

11 Mar 1500 to 12 Mar 1500 1.8 Stew Perry Topband Challenge CW 4-char grid **www.kkn.net/stew**

11 Mar 1500 to 12 Mar 2100 3.5-28,50 Oklahoma QSO Party CW Ph **www.k5cm.com/okqp.htm**

11 Mar 1900 to 12 Mar 1900 1.8-28 Idaho QSO Party CW Ph **www.pocatelloarc.org/idahoqsoparty**

12 Mar 0000 to 12 Mar 0400 3.5-14 North American Sprint, RTTY www.ncjweb.com/Sprint-Rules.pdf

12 Mar 1800 to 13 Mar 0100 All Wisconsin QSO Party CW Ph **www.warac.org/wqp**

18 Mar 1400 to 19 Mar 2359 No WARC Virginia QSO Party CW Ph Dig **www.qsl.net/sterling/VA_QSO_Party**

25 Mar 0000 to 26 Mar 2359 1.8-28 CQ WW WPX Contest, SSB Ph **www.cqwpx.com/rules.htm**

For a complete list of contests, visit: http://www.arrl.org/files/file/Contest%20Corral/2023/March%202023%20Corral.pdf

If you're not into contests, there's always DX to chase! March has some great ones scattered around the globe. Some of the better ones….

Feb 23 to Feb 24	**Pitcairn**	**VP6AND**
Feb 24 to Mar 02	**Palau**	**T8**
Feb 24 to Mar 05	**Agalega & St Brandon**	**3B7M**
Mar 01 to Mar 11	**Galapagos**	**HD8M**
Mar 02 to Mar 05	**Anadaman Is**	**VU4T**
Mar 09 to Mar 22	**Comoros**	**D67X**
Mar 09 to Mar 24	**Ogasawara**	**JD1**
Mar 10 to Mar 17	**Crozet I**	**W3LPL (FT8**?)**
Mar 17 to Mar 31	**Norfolk I**	**VK9NT**
Mar 20 to Mar 29	**Sable I**	**CY0S**

Check https://www.ng3k.com/Misc/adxo.html for more, and updates on DXpeditions to make sure they're still a go.

RENO QRP SLOW SPEED CW NET

NEXT NET SESSIONS (two of them) WILL BE March 9 and March 23, at 11 AM Pacific Standard. Check with **WD7Y@sbcglobal.net** to confirm times. Target frequency 7.045 MHz, if busy search somewhere near that frequency.

THE FOLLOWING SHOULD ALWAYS BE IN YOUR REPORT: NAME ,RST, LOCATION, RIG, POWER, ANTENNA.
REMEMBER TO INCLUDE RST IN YOUR REPORT
Feel free to add something else in your exchange.
Take some time to report RST for other OP's or anything else that comes to mind.
Sharing information about you and your equipment will accomplish two things.

First It gives you and everybody else practice sending and copying.
Second It is nice to spend time on the air with your friends. Consider this a QRP meeting on the air.

Relax and have some airtime fun with your friends.
73/72 Ed/WD7Y

NAME THAT RIG **(from page 10)**

The year: 1996. The company: **Alinco**. They introduced their first modern HF transceiver, the **DX-70**. It was loaded with features, like removable front panel, 160 thru 6 meters, SSB/AM/CW, included filters for the various modes, IF shift, selectable receive sideband, 100 watts/10 watts (AM was 40W and 4W), very compact size for its time, split frequency operation if needed, and lots more. It listed for about $700, very reasonable especially considering the features. One issue that **Alinco** was notorious for however, was a difficult-to-understand manual, and the **DX-70** was no different. It could take a while to get one set up. There were also a few reliability issues, especially with the earlier models, but not a whole lot, and addressed by Alinco. They followed the **DX-70** with the DX-70T, DX-70TH, and for Europe the DX-70EH. Many models have appeared since then, but **Alinco** doesn't enjoy the popularity of "The Big Three", the YaeComWood gang.

SNARS SILENT KEYS

In Memory of SNARS members and friends who have passed away recently

N7MSK	Mike Katz SK November 2022 Reno, NV
K7PTT	Paul Tueller SK December 2022 Reno, NV
WB6CZG	Bill Keane SK January 2023 Truckee, CA
KI6TRK	Rob GIllmore SK January 2023 Truckee, CA

If you know of a SNARS member or friend of SNARS who has passed away recently, submit it to me **WB2AWQ@arrl.net** or any Board member for verification.

ARES NEWS

EVENTS CALENDAR 2023

Silver State 50/50 race	5/20/23		Silver State Striders	Steve KS6A	ks6a@sbcglobal.net
Stetina Paydirt	5/20/23		John Prouty; Bike Monkey	Bob Miller WA6MTY	wa6mty@gbis.com
Lost and Found Gravel Grinder SBTS	6/3/23			Larry Trotter KI6YUK	dltrotter@sbcglobal.net
America's Most Beautiful Bike Ride	6/4/23		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWV	wa6ewv@juno.com
Pony Express Re-Ride	6/7/2023	6/17/23	SIERA	Gerry Miller KJ7GEZ	hamspud35@gmail.com
Truckee Tahoe Gravel Race	6/10/23		John Prouty; Bike Monkey	Bob Miller WA6MTY	wa6mty@gbis.com
Trailblazer Challenge (First event)	6/10/23		Make-A-Wish Foundation	Arlan Robinson KA7ZAU	ka7zau@yahoo.com
Trailblazer Challenge (Second event)	6/24/23		Make-A-Wish Foundation	Arlan Robinson KA7ZAU	ka7zau@yahoo.com
Indian Valley Century Bicycle Ride	TBD			Larry Trotter KI6YUK	dltrotter@sbcglobal.net
Tahoe Rim Trail	7/15/23	7/16/23	Tahoe Mountain Milers	Bob Miller WA6MTY	wa6mty@gbis.com
Death Ride	7/15/23		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWV	wa6ewv@juno.com
Alta Alpina Challenge	TBD		Alta Alpina Cycling Club	Jennie Hamiter, KE7YBA	jenniehamiter@mac.com
Vegas to Reno Off Road Race	8/16/23	8/20/23	Best in the Desert Racing Assn	Keith KC7HTK	kc7htkeith@hotmail.com
Tour De Tahoe	9/10/2023 ???		Tahoe Amateur Radio Assn	Paul Gulbro, WA6EWV	wa6ewv@juno.com
Reno Air-Races	9/10/23	9/17/23	WC-ARES	Bob Miller WA6MTY	wa6mty@gbis.com
Nevada Day Parade	10/28/23		NV AREA NW DEC	Tom Tobacco KE7NCJ	smokey5880@gmail.com
Scheels Turkey Trot	11/23/23		WC-ARES	Bob Miller WA6MTY	wa6mty@gbis.com

EARTHQUAKE !!!

Northern Nevada and Eastern California are long overdue for a major earthquake. We can only pray that it will not be anywhere near the strength of the one that hit Turkey and Syria. Think about it, how do you notify your friends and family outside of the area that you are ok, or not?

No problem, I will send them a text, or get on my favorite social media platform. Even if the internet or cell phones are working, it will be heavily overwhelmed to the point to be useless. As a Ham Radio Operator, you can send emails without a local internet connection.

I cannot over emphasize the value of Winlink Express in an emergency. Download Winlink Express and install it on your computer. Learn how to use the software. If your internet connection is working, use it, a lot. Practice, practice, practice. Now, if you lose the internet, you have the same problem, No communications outside the area.

With your radio (VHF or HF), a Terminal Node Controller (TNC) connected to your computer, all you need to do is connect to another radio/TNC that is connected to the internet (gateway). TNC's KPC3+ or soundcard modem, Signalink we can help you connect to a gateway. Using a Signalink and your radio you can connect to KL7RI-10 that uses Skylink satellite system to get your email out of the area and directly into the internet. Don't' forget you can also get damage reports to our Regional Emergency Operation Center, rapidly to our first responders.

Download, install and use Winlink Express and contact us for help.

Bob Miller WA6MTY
Emergency Coordinator for Washoe County
Amateur Radio Emergency Service
CERT Volunteer
775 843-5952
www.wcares.us

Board of Directors Meeting Minutes

January 11, 2023- Approx 6:00PM

At Chin Chin and via Zoom

1. Call to order and roll call at 6:02 PM

Board of Directors: (P = Present in person, Z= Present on Zoom)

Barry Bettman, K6ST P	John Byerly, N7ROJ P	Doug Edmondo, W7DBE P
Anthony Marcin, W7XM Z	Krystal Nelson, AJ6GC P	Jim Shepherd, W6US P
Brian Verhalen, KJ6EAC P		

Guest(s) In attendance:

Wes Vick, KG7QXE, KA6NSN Bob Nelson

2. Approval of Minutes - Discussion/Action

Approve December 2022 Meeting Minutes: Motion by John Byerly, Seconded by Doug Edmondo, Motion Approved.

3. Approval of Agenda - Discussion/Action

Approve the January Agenda - Motion by John Byerly, Seconded by Jim Shepherd, Motion Approved

4. Reports

A. President's Report - Discussion about the power outage from the last storm… Discussed First meeting and will take care of the RSVP of the room at the training facility.

B. Secretary Report - overview of membership info, and filing of SOS Information. 409 Members.

C. Treasurer - Doug provided treasurer information and financial report statements. Doug has access to the club accounts. Operating: $9,668 | Savings: $7,755 | Self Insurance: $16,530 | PayPal: $1024 | Convention: $4151

D. Technical Team - Updates on systems… VP analog is down so the team will put in a new repeater and link repeater when they visit to figure out the power issue. Dave Metts will be asked to take a look and reset routers if need be when available for Peavine.

E. Control Operators / Trustee - no reports.

F. Events -

1. Jim provided a VOTA Event update of Nevada's Turn to take on W1AW, April 19th and September 26th.

2. Jim noted the Field Day - Reserved the Equestrian area at Washoe State park.

G. Education & Youth Activities

1. Kids Day was presented, not much activity…

2. John discussed teaching scouts for their technician license. First one starts on 1/12/2023.

H. SNARS Noon Net and SNARS Digital Net

1. Wes provided updates on Noon Net. Doing the nets on rose and making due during the outages.

2. Discussion of Digital Net… net control operators…

5. Old Business

No old business this meeting.

6. New Business

A. Member Appreciation Picnic - Flying B at Barley Ranch - $170.00 for reservation fee. To be announced soon… May 21, 2023 tentative date.
B. Field Day 2023 - discussion on ideas of what field day is going to look like this year… and the need for volunteers.
C. SNARS Volunteers - discussion of the volunteers and eventual role out of call for volunteers.
D. Sponsor Coffee at VE Sessions - Discussion on approving to support the VE Sessions by providing Coffee/Donuts as has been done previously in the past.

7. Board member and Public Comments

During this time members and board of directors may speak on any topic regardless if the item was agendized.

8. Adjournment - Action

A. Next Meeting: February 8th, 2023 at 6:00PM
B. Call For Adjournment. Adjourned at 7:11pm.

SIERRA NEVADA
Amateur Radio Society

Board of Directors Meeting Minutes

February 8, 2023- Approx 6:00PM

Via Zoom

1. Call to order and roll call at 6:01 PM

Board of Directors: (P = Present in person, Z = Zoom)

Barry Bettman, K6ST Z
John Byerly, N7ROJ Z
Doug Edmondo, W7DBE Z
Anthony Marcin, W7XM Z
Krystal Nelson, AJ6GC Z
Jim Shepherd, W6US Z
Brian Verhalen, KJ6EAC Z

Guest(s) In attendance:

AJ7E, W7DED, KA6NSN, KG7QXE

2. Approval of Minutes - Discussion/Action

Approve January 2023 Meeting Minutes. John Byerly Motioned, Seconded by Krystal Nelson, Motion passes

3. Approval of Agenda - Discussion/Action

Approve the February Agenda. John Byerly Motioned, Seconded by Krystal Nelson, Motion passes

4. Reports

A. President's Report - No Report this month.

B. Secretary Report - Reported 408 members, trending lower but steady.

C. Treasurer - Reported balances for the end of January. Operating: 4357.79 | Convention: 4151.45 | Savings: 13,000.07 | Self Insurance: 16,620.28 | PayPal: 1,954

D. Technical Team - Pat, W7DED Reported various topics, Virginia Peak still down, reached out to the owner,KNPB their stuff is still on the air not sure why our systems are down, most likely a circuit breaker issue. When visiting the site will also re place out the repeaters (SLR 5700). (703 and two links). Ready for other sites ready, Tulon repeater and link, 147.210 repeat er and link to virginia peak. Packet is unknown status, could be powered off for some reason at Virginia Peak. Link Mt Rose to Yerington is down (old GE Master, needs replacing). Peavine Noise is related possibly to old GE Master IIs would grow some metallic whiskers and need to be cleaned. Link from Winnemucca to Toulon, cable pulled out of the antenna. Will need to visit that site to fix.

E. Control Operators / Trustee - No report.

F. Events

1. Don Tucker K7BKW, Proposal for Nevada Day Parade. $100.00 Entry Fee. Discuss about club entry. Will present at future meeting.
2. May 21st, 2023 Member Appreciation Picnic.
3. Ham Swap May in the works. Waiting for confirmation of Cabela's parking lot.

1. Ham Exam on Feb 18th.
2. Mentors Banner on the website for Feb 27th New hams at EOC. KB7QOD coordinating.
3. New flier for exam days to hand out about mentoring options for new hams.

G. Education & Youth Activities -
3rd weekend June - Kids Day - Train Museum in Carson City.

H. SNARS Noon Net and SNARS Digital Net
1. Noon net going well.
2. Digital Nets - 4 Net controllers.

5. Old Business

A. Member Appreciation Picnic -
B. Field Day 2023 - Permit confirmed from park service.
C. SNARS Volunteers - No report.
D. SWAG - Possible Pocket Tees for membership drive.

6. New Business

A. Club Self Insurance Limits - Cap at $17,000, if it dips to continue back to $17,000 - Motion by John, Second by Jim. Motion passed.
B. Possible Purchase of Repeaters for 2023

7. Board member and Public Comments

During this time members and board of directors may speak on any topic regardless if the item was agendized.

8. Adjournment - Action

A. Next Meeting: March 8th, 2023 at 6:00PM, Location to be Announced
B. Call For Adjournment. - 7:30pm Krystal Nelson Motion, seconded by Barry Bettman.